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WHAT IS CLAIMED IS:

1. A rolling bearing for a hard disk drive comprising:
2 an inner ring;
3 an outer ring;
4 a plural number of rolling elements located between
5 said inner ring and said outer ring;
6 a cage supporting a plural number of rolling
7 elements;

8 a pair of sealing members fixed to the both ends in
9 the axial direction of one of said inner ring and said outer
10 ring and disposed opposite to each other; and

11 a lubricating oil injected into a bearing space
12 defined between said sealing members at the both ends in the
13 axial direction, wherein the amount of the lubricating oil is
14 in a range of 1 to 50% by volume of the bearing space.

1 2. The rolling bearing for a hard disk drive
2 according to claim 1, in which the amount of said lubricating
3 oil is not more than 30% by volume of the bearing space.

1 3. The rolling bearing for a hard disk drive
2 according to claim 1, in which the amount of said lubricating
3 oil is in a range of 4-25% by volume of the bearing space.

1 4. The rolling bearing for a hard disk drive

2 according to claim 1, in which a lubricating oil is
3 preliminarily contained in said cage.

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3 5. The rolling bearing for a hard disk drive
4 according to claim 4, in which an amount of said lubricating
oil preliminary contained in said case is in a range of 0.1-
80% by weight of said cage.

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2 6. The rolling bearing for a hard disk drive
3 according to claim 5, in which an amount of said lubricating
4 oil preliminary contained in said case is in a range of 10-
70% by weight of said cage.

1 7. The rolling bearing for a hard disk drive
2 according to claim 6, in which an amount of said lubricating
3 oil preliminary contained in said case is not more than 40%
4 by weight of said cage.

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